

Shwe Soe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1254826/publications.pdf>

Version: 2024-02-01

19
papers

571
citations

687220

13
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturability of AlSi10Mg overhang structures fabricated by laser powder bed fusion. <i>Materials and Design</i> , 2018, 160, 1080-1095.	3.3	114
2	Integrated eco-design decision-making for sustainable product development. <i>International Journal of Production Research</i> , 2015, 53, 549-571.	4.9	83
3	Quasi-static analysis of mechanical properties of Ti6Al4V lattice structures manufactured using selective laser melting. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 2301-2313.	1.5	61
4	Effect of hot cracking on the mechanical properties of Hastelloy X superalloy fabricated by laser powder bed fusion additive manufacturing. <i>Optics and Laser Technology</i> , 2020, 124, 105984.	2.2	49
5	Quantitative analysis on SLS part curling using EOS P700 machine. <i>Journal of Materials Processing Technology</i> , 2012, 212, 2433-2442.	3.1	35
6	Feasibility of optimising bicycle helmet design safety through the use of additive manufactured TPE cellular structures. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 79, 1975-1982.	1.5	33
7	On the AIC-based model reduction for the general Holzapfel's Ogden myocardial constitutive law. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 1213-1232.	1.4	32
8	Assessment of non-uniform shrinkage in the laser sintering of polymer materials. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 111-125.	1.5	29
9	Response of gyroid lattice structures to impact loads. <i>International Journal of Impact Engineering</i> , 2022, 164, 104202.	2.4	27
10	Enhancing parametric design through non-manifold topology. <i>Design Studies</i> , 2017, 52, 96-114.	1.9	21
11	Biomechanical properties and microstructure of neonatal porcine ventricles. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 18-28.	1.5	20
12	Some demands on rapid prototypes used as master patterns in rapid tooling for injection moulding. <i>Journal of Materials Processing Technology</i> , 2004, 150, 201-207.	3.1	19
13	Mechanical characterisation of additively manufactured elastomeric structures for variable strain rate applications. <i>Additive Manufacturing</i> , 2019, 27, 398-407.	1.7	14
14	Mechanical behaviour of additively manufactured elastomeric pre-buckled honeycombs under quasi-static and impact loading. <i>Materials and Design</i> , 2022, 213, 110368.	3.3	14
15	Region-Specific Microstructure in the Neonatal Ventricles of a Porcine Model. <i>Annals of Biomedical Engineering</i> , 2018, 46, 2162-2176.	1.3	9
16	An Investigation into the Quasi-Static Response of Ti6Al4V Lattice Structures Manufactured Using Selective Laser Melting. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 399-409.	0.5	5
17	Investigating the dynamic compression response of elastomeric, additively manufactured fluid-filled structures via experimental and finite element analyses. <i>Additive Manufacturing</i> , 2021, 39, 101885.	1.7	5
18	An Integrated Eco-Design Decision Making Tool. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 537-548.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The Effect of Heat Treatment of AlSi10Mg on the Energy Absorption Performance of Surface-Based Structures. Smart Innovation, Systems and Technologies, 2021, , 395-402.	0.5	0